11. (amended) The method of claim 24, wherein the tool is fitted with a plurality of indexing inserts.

24. (amended) A method of making a cylinder bore in an engine block, comprising:

dry cutting an interior of the cylinder bore without a lubricant using a tool having a surface profile, wherein a portion of a material forming the interior is removed and produces a surface having a defined quality or structure; and

thermally-spraying a layer onto the surface, without prior degreasing or cleaning.

25. (amended) A process for surface coating an interior side of a cylinder bore, comprising:

removing a portion of material forming the interior side of the cylinder bore to be coated, thereby creating a surface having at least one of a defined structure or quality; and

directly applying a thermally sprayed tribological layer to the surface, without prior degreasing or cleaning,

wherein the removing comprises dry-cutting without a lubricant in one process step until a roughness value of from 25 to 65 μm is reached, using a cutting tool with a defined surface profile.

26. (amended) A process for surface coating an interior side of a cylinder bore, comprising:

removing a portion of a material forming the interior side of the cylinder bore to be coated, thereby creating a surface having at leaat one of a defined structure or quality; and

directly applying a thermally sprayed tribological layer to the surface, without prior degreasing or cleaning,

wherein the removing comprises dry-cutting without a lubricant in one process step until a roughness value of from 25 to 65 μm is reached, using a cutting tool with an undefined surface profile.

27. (amended) A process for surface coating an interior side of a cylinder bore, consisting of:

removing a portion of material forming the interior side of the cylinder bore to be coated, thereby creating a surface having at least one of a defined structure or quality; and

directly applying a thermally sprayed tribological layer to the surface, without prior degreasing or cleaning,

wherein the removing comprises dry-cutting without a lubricant in one process step until a roughness value of from 25 to 65 μm is reached.

REMARKS

Favorable consideration and allowance are respectfully requested for claims 3, 4, 10, 11, and 24-27 in view of the foregoing amendment and the following remarks. Claims 3, 4, 10, 11, and 24-27 have been amended to fix the claim numbering and the associated dependencies and to particularly define the claimed invention. Claims 1, 2, 5-9, and 12-23 have been cancelled previously. Thus, claims 3, 4, 10, 11, and 24-27 remain pending.

Claims 3, 4, 10, 11, and 24-27 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 4,625,465 ("Kirt") in view of U.S. Patent No. 5,691,004 ("Palazzolo"). This rejection is respectfully traversed.